

Current session 19/11/2002

..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,72
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.62	USD
Cost estimated for the last database search :	0.62	USD
Estimated total session cost :	0.62	USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
Last update of file: 2002/11/13 (YYYY/MM/DD) 2002-45/UP (basic update)

Search statement 1

Query/Command : US6251478/PN

**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6251478 B1 20010626 [US6251478]
TI - (B1) Sensitive substance encapsulation
PA - (B1) BALCHEM CORP (US)
IN - (B1) WU WEN-HSIN (US); FRALEY MARTA (US); PACIFICO CARL J (US)
AP - US46936899 19991222 [1999US-0469368]
PR - US46936899 19991222 [1999US-0469368]
IC - (B1) A61K-009/16 B01J-013/02 B65B-001/04

Questel-Orbit QWEB

EC - A23L-001/22B2
A23P-001/04
B01J-013/02

PCL - ORIGINAL (O) : 427213300; CROSS-REFERENCE (X) : 424001290 424001690
424001730 424451000 424463000 424490000 424491000 424493000 424496000
426089000 426096000 426098000 426100000 426235000

DT - Corresponding document

CT - US3857964; US4232047; US4532145; US4576737; US4576826; US4689235;
US4828857; US5004595; US5009900; US5399368; US5460756; US5496574;
US5506353; US5558889; US5580593; US5601865; US5603971; US5607708;
US5705207; US5756136; US5792505; US5874102

STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

AB - A process for stabilizing a sensitive substance; (a) plating a sensitive substance onto a solid carrier under a controlled atmosphere to reduce loss of the sensitive substance; (b) encapsulating the plated material under controlled atmosphere and airflow to reduce volatilization during the process and stabilize the sensitive substance.

UP - 2001-27

1 / 1 LGST - ©LEGSTAT

PN - US 6251478 [US6251478]

AP - US 469368/99 19991222 [1999US-0469368]

DT - US-P

ACT - 19991222 US/AE-A
APPLICATION DATA (PATENT)
US 469368/99 19991222 [1999US-0469368]

20010626 US/BA
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)

20020305 US/RF
REISSUE APPLICATION FILED
20011129

UP - 2002-10

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,251,478 A 20010626 [US6251478]

PA - Balchem Corp.

ACT - 20011129 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020305
REISSUE REQUEST NUMBER: 09/996636
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS : 1711

Questel·Orbit QWEB

Reissue Patent Number:

1/1 PAST - ©Thomson Derwent

AN - 200210-001236

PN - 6251478 A [US6251478]

OG - 2002-03-05

ACT - REISSUE APPLICATION FILED

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,34
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.74	USD
Records displayed and billed :	1	
Estimated cost :	1.10	USD
Cost estimated for the last database search :	1.84	USD
Estimated total session cost :	2.46	USD

LGST - Time in minutes : 0,07
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.07	USD
Records displayed and billed :	1	
Estimated cost :	0.57	USD
Cost estimated for the last database search :	0.64	USD
Estimated total session cost :	3.10	USD

CRXX - Time in minutes : 0,05
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.07	USD
Records displayed and billed :	1	
Estimated cost :	5.00	USD
Cost estimated for the last database search :	5.07	USD
Estimated total session cost :	8.17	USD

FAST - Time in minutes : 0,19
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.37	USD
Records displayed and billed :	1	
Estimated cost :	5.61	USD
Cost estimated for the last database search :	5.98	USD
Estimated total session cost :	14.15	USD

LITA - Time in minutes : 0,00
The cost estimation below is based on Questel's
standard price list

Estimated total session cost :	14.15	USD
--------------------------------	-------	-----

Selected file: INPADOC

Questel·Orbit QWEB

You are now connected to INPADOC
Covers 1968/1973 thru weekly updates (2002-46)
For information on content, (..)INFO INPD.

Search statement 1

Query/Command : FAM US6251478/PN

1 Patent Groups

**** SS 1: Results 5**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 5 INPADOC - ©INPADOC

PN - AU 200120908 A5 20010703 [AU200120908]
TI - SENSITIVE SUBSTANCE ENCAPSULATION
IN - PACIFICO CARL J; WU WEN-HSIN; FRALEY MARTA
PA - BALCHEM CORP
AP - AU 20908/01-A 20001213 [2001AU-0020908]
PR - US 469368/99-A 19991222 [1999US-0469368]
WO 200033673/00(US)-W 20001213 [2000WO-US33673]
IC - B01J-013/02; A23L-001/22; A23P-001/04; C12N-011/12; C12N-011/14

2 / 5 INPADOC - ©INPADOC

PN - BR 200016577 A 20020917 [BR0016577]
TI - METODO PARA ENCAPSULAR UM MATERIAL SENSIVEL
IN - PACIFICO CARL J; WU WEN-HSIN; FRALEY MARTA
PA - BALCHEM CORP [US]
AP - BR 200016577/00-A 20001213 [2000BR-0016577]
PR - US 699368/99-A 19991222 [1999US-0699368]
WO 200033673/00(US)-W 20001213 [2000WO-US33673]
IC - B01J-013/02; A23L-001/22; A23P-001/04; C12N-011/12; C12N-011/14

3 / 5 INPADOC - ©INPADOC

PN - EP 1242174 A1 20020925 [EP1242174]
TI - SENSITIVE SUBSTANCE ENCAPSULATION
LA - ENG
IN - PACIFICO CARL J [US]; WU WEN-HSIN [US]; FRALEY MARTA [US]
PA - BALCHEM CORP [US]
AP - EP 984255/00-A 20001213 [2000EP-0984255]
PR - WO 200033673/00(US)-W 20001213 [2000WO-US33673]
US 469368/99-A 19991222 [1999US-0469368]
IC - B01J-013/02; A23L-001/22; A23P-001/04; C12N-011/12; C12N-011/14
DS - AT* BE* CH* CY* DE* DK* ES* FI* FR* GB* GR* IE* IT* LI* LU* MC* NL*
PT* SE* TR*

1 / 1 LEGALI - ©LEGSTAT

PN - EP 1242174 [EP1242174]
AP - EP 00984255/00 20001213 [2000EP-0984255]
DT - EP-P
ACTE - 20001213 EP/AE-A
EP-APPLICATION
EP 00984255/00 20001213 [2000EP-0984255]

20020925 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH
SEARCH REPORT:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

20020925 EP/AX [+]
EXTENSION OF THE EUROPEAN PATENT TO
AL;LT;LV;MK;RO;SI

20020925 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT

20020925 EP/17P [+]
REQUEST FOR EXAMINATION FILED
20020712
UP - 2002-39

4 / 5 INPADOC - ©INPADOC

PN - US 6251478 BA 20010626 [US6251478]
TI - SENSITIVE SUBSTANCE ENCAPSULATION
IN - PACIFICO CARL J [US]; WU WEN-HSIN [US]; FRALEY MARTA [US]

Questel·Orbit QWEB

PA - BALCHEM CORP [US]
AP - US 469368/99-A 19991222 [1999US-0469368]
PR - US 469368/99-A 19991222 [1999US-0469368]
IC - B01J-013/02; A61K-009/16; B65B-001/04

1 / 1 LEGALI - ©LEGSTAT

PN - US 6251478 [US6251478]
AP - US 469368/99 19991222 [1999US-0469368]
DT - US-P
ACTE - 19991222 US/AE-A
APPLICATION DATA (PATENT)
US 469368/99 19991222 [1999US-0469368]

20010626 US/BA
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)

20020305 US/RF
REISSUE APPLICATION FILED
20011129
UP - 2002-10

5 / 5 INPADOC - ©INPADOC

PN - WO 200145835 A1 20010628 [WO200145835]
TI - SENSITIVE SUBSTANCE ENCAPSULATION
LA - ENG
IN - PACIFICO CARL J [US]; WU WEN-HSIN [US]; FRALEY MARTA [US]
PA - BALCHEM CORP [US]; PACIFICO CARL J [US]; WU WEN HSIN [US]; FRALEY MARTA [US]
AP - WO US 200033673/00(US)-A 20001213 [2000WO-US33673]
PR - US 469368/99-A1 19991222 [1999US-0469368]
IC - B01J-013/02; A23L-001/22; A23P-001/04; C12N-011/12; C12N-011/14
DS - AE* AG* AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* BZ* CA* CH* CN*
CR* CU* CZ* DE* DK* DM* DZ* EE* ES* FI* GB* GD* GE* GH* GM* HR*
HU* ID* IL* IN* IS* JP* KE* KG* KP* KR* KZ* LC* LK* LR* LS* LT* LU*
LV* MA* MD* MG* MK* MN* MW* MX* MZ* NO* NZ* PL* PT* RO* RU*
SD* SE* SG* SI* SK* SL* TJ* TM* TR* TT* TZ* UA* UG* US* UZ* VN* YU*
ZA* ZW* GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF
BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

1 / 2 LEGALI - ©LEGSTAT

PN - JP 546771/2001
AP - JP 546771/2001 0 [2001JP-0546771]
DT - JP-A
ACTE - 20020621 JP/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 200145835> WO200145835
UP - 2002-28

2 / 2 LEGALI - ©LEGSTAT

PN - WO 200145835 [WO200145835]
AP - WO 200033673/00(US) 20001213 [2000WO-US33673]
DT - WO-P
ACTE - 20001213 WO/AE-A
APPLICATION DATA
WO 200033673/00(US) 20001213 [2000WO-US33673]

20010628 WO/AK-A1 [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH
SEARCH REPORT

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

20010628 WO/AL-A1 [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT

GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

20010628 WO/A1 [+]

PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT

20010822 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED
IN THIS APPLICATION

20011115 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20020621 WO/ENP-A

ENTRY INTO THE NATIONAL PHASE IN:
<JP 01546771>

UP - 2002-28